



CFP2000 Result

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Itaotec

Servidor Itaotec MX221 (Intel Xeon 5150 processor, 2.66GHz)

SPECfp_rate2000 = 75.7

SPECfp_rate_base2000 = 75.7

SPEC license #: 9001 | Tested by: Itaotec | Test date: Nov-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	70.4	105	4	70.4	105
171.swim	4	293	49.1	4	293	49.1
172.mgrid	4	215	38.9	4	215	38.9
173.applu	4	185	52.6	4	185	52.6
177.mesa	4	58.2	112	4	58.2	112
178.galgel	4	60.9	221	4	60.9	221
179.art	4	60.3	200	4	60.3	200
183.equake	4	85.0	71.0	4	85.0	71.0
187.facerec	4	94.3	93.5	4	94.3	93.5
188.amp	4	166	61.6	4	166	61.6
189.lucas	4	172	53.9	4	172	53.9
191.fma3d	4	165	59.1	4	165	59.1
200.sixtrack	4	106	48.2	4	106	48.2
301.apsi	4	196	61.5	4	196	61.5

Hardware

CPU: Intel Xeon 5150 processor (2.66 GHz, 4MB L2 shared, 1333 MHz system bus)
 CPU MHz: 2667
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 4MB (I+D) on chip, per chip, shared
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8GB (8x1GB DDR2-RAM PC2-4200 FB-DIMM CL4 ECC)
 Disk Subsystem: 1 x 36GB U320 SCSI 10000 RPM
 Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1 (32-bit)
 Compiler: Intel C++ Compiler 9.1
 Build 20060519Z (for 32-bit applications),
 Intel Fortran Compiler 9.1
 Build 20060519Z (for 32-bit applications),
 Microsoft Visual Studio .NET 7.0.9466 (for libraries),
 MicroQuill SmartHeap for SMP Library 8.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

PORTABILITY FLAGS

178.galgel: -FI /F32000000

GENERAL

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Base tuning flags

for Fortran programs: -fast -Qansi_alias +FDO

for C programs: -fast +FDO shlSMPMt.lib

EXTRA LIBRARIES

MicroQuill SmartHeap for SMP Library 8.0 available from
<http://www.microquill.com/>